

RESOUNDIFY

StreamLite-4k30

H.264 with up to 4 screen capability, 4K@30



PRODUCT OVERVIEW

The **Resoundify StreamLite-4k30** 4K Encoding and Decoding Integrated IP Matrix integrates advanced video compression, network, visualization, and centralized control technologies. It builds an IP-based system combining video splicing, KVM management, audio processing, and encoding/decoding with distributed, visualized, and server-less features. Supporting HDMI 4K@30Hz input/output, multi-screen splicing, and IR, I/O and RS-232 control, it ensures synchronization, real-time performance, and vivid color reproduction. This cost-effective solution simplifies wiring and offers visual control and decentralized operation for HD/1080p applications. Ideal for conference centers, exhibition halls, command centers, and transportation hubs.

KEY FEATURES

- **Integrated Encoder and Decoder:** Combines encoder and decoder functions in one unit with DIP-switch to change the mode.
- **Support for H.264 and H.265 Protocols:** Compatible with H.264 and H.265 encoding and decoding protocols.
- **High Resolution Support:** HDMI interface supports up to 3840x2160@30Hz for input and output.
- **Multiple Controlling Method:** I/O, IR, RS-232
- Seamless Switching
- Visualization Operation
- **Ultra-thin Design:** The height is only 16mm.
- **Multi-channel Decoding:** Supports at least 4 images displaying in a single screen.

APPLICATIONS

- Boardrooms
- Classrooms
- Auditorium

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TECHNICAL SPECIFICATIONS

Encoder Specifications

Video Input	1x HDMI IN (Type-A Female Port), up to 3840x2160@30Hz
Digital Audio Input	1x HDMI IN (Type-A Female Port)
Analog Audio Input	1x 3-Pin Terminal Block
Video Output	1x RJ45 for IP Stream Output 1x HDMI Loopout (Type-A Female Port)
Encoding Performance	3840x2160@30Hz x1

Decoder Specifications

Video Input	1x RJ-45 (1000Mbps) for IP Stream Input
Video Output	1x HDMI (Type-A Female Port), up to 4K@30Hz
Digital Audio Output	1x HDMI (Type-A Female Port)
Analog Audio Output	1x 3-Pin Terminal Block
Decoding Performance	3840x2160@30Hz x1

General Specifications

Control Connector	1 x 3-Pin Terminal Block for I/O or IR 1 x 3-Pin Terminal Block for RS-232
Codec	H.264, H.265
Communication Protocols	TCP/IP, UDP
Bit Depth	8-bit, 4:2:0
Latency	Less than 150ms
Operation Temperature	0°C ~ +50°C
Storage Temperature	-10°C ~ +70°C
Relative Humidity	10%-90%
Power	DC 12V/2A, or PoE
Power Consumption	6W
Dimension (W x H x D)	152mm x 16mm x 104mm
Net Weight	285g